

IN THE CLAIMS

1.-17. Cancelled.

18. (Amended) A secondary for an inductively powered device comprising:

a first coil arranged at a first angular orientation;

a second coil arranged at a second angular orientation, said first angular orientation being different from said second orientation;

a third coil arranged at a third angular orientation, said third angular orientation being different from said first orientation and said second orientation;

said first angular orientation, said second angular orientation and said third angular orientation are about ninety degrees apart from one another;

a capacitor connected in series between said load and each of said first coil, said second coil and said third coil;

said first coil, said second coil and said third coil are electrically connected in a half-bridge arrangement with a diode connected in series between said load and each of said first coil, said second coil and said third coil; and

circuit means for electrically connecting said first coil and said second coil with a common load.

19. Cancelled.

20. Cancelled.

21. Cancelled

22. Cancelled

23. Cancelled..

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24. (Amended) The secondary of claim 20 18 wherein said first coil, said second coil and said third coil are electrically connected in a full bridge arrangement with a pair of diodes connected in series between said load and opposite sides of each of said first coil, said second coil and said third coil.

25. (Amended) The secondary of claim 20 18 wherein said first coil, said second coil and said third coil are wrapped about a common bobbin.

26. (Amended) The secondary of claim 20 18 wherein said first coil, said second coil and said third coil are wrapped about a common substantially spherical bobbin.

27. (Amended) The secondary of claim 20 18 wherein said first coil is wrapped about a first bobbin, said second coil is wrapped about a second bobbin and said third coil is wrapped about a third bobbin.

28. The secondary of claim 27 wherein said first bobbin is fitted within said second bobbin and said second bobbin is fitted within said third bobbin.

29. The secondary of claim 27 wherein said first bobbin has a first diameter, said second bobbin has a second diameter and said third bobbin has a third diameter, said first diameter being smaller than said second diameter, said second diameter being smaller than said third diameter; and

wherein said first coil includes a greater number of turns than said second coil and said second coil includes a greater number of turns than said third coil.

30. The secondary of claim 18 wherein said first coil and said second coil are connected in parallel with said common load.

31. The secondary of claim 18 wherein said first coil and said second coil are connected in series with said common load.

32. (Amended) An inductively powered device comprising:

a load; ~~and~~

a secondary electrically connected to said load, said secondary including a first coil electrically connected with said load and a second coil electrically connected with said load, said first coil arranged at a first angular orientation, said second coil arranged at a second angular orientation different from said first angular orientation,

a third coil arranged at a third angular orientation, said third angular orientation being different from said first orientation and said second orientation, wherein said first angular orientation, said second angular orientation and said third angular orientation are each about ninety degrees apart from one another;

a capacitor connected in series between said load and each of said first coil, said second coil and said third coil; and

said first coil, said second coil and said third coil are electrically connected in a half-bridge arrangement with a diode connected in series between said load and each of said first coil, said second coil and said third coil.

33. Cancelled.

34. Cancelled.

35. Cancelled.

36. Cancelled.

37. Cancelled

38. (Amended) The secondary of claim 34 32 wherein said first coil, said second coil and said third coil are electrically connected in a full bridge arrangement with a pair of diodes connected in series between said load and opposite sides of each of said first coil, said second coil and said third coil.

39. (Amended) The secondary of claim 34 32 wherein said first coil, said second coil and said third coil are wrapped about a common bobbin.

40. (Amended) The secondary of claim 34 32 wherein said first coil, said second coil and said third coil are wrapped about a common substantially spherical bobbin.

41. (Amended) The secondary of claim 34 32 wherein said first coil is wrapped about a first bobbin, said second coil is wrapped about a second bobbin and said third coil is wrapped about a third bobbin.

42. (Amended) The secondary of claim 41 wherein said first bobbin is fitted within said second bobbin and said second bobbin is fitted within said third bobbin.

43. (Amended) The secondary of claim 42 wherein said first bobbin has a first diameter, said second bobbin has a second diameter and said third bobbin has a third diameter, said first diameter being smaller than said second diameter, said second diameter being smaller than said third diameter; and

wherein said first coil includes a greater number of turns than said second coil and said second coil includes a greater number of turns than said third coil.

44. (Amended) The secondary of claim 34 32 wherein said first coil, said second coil and said third coil share a common origin.

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45. (Amended) The secondary of claim 34 32 wherein said first coil is nested within said second coil and said second coil is nested within said third coil.

46. (Withdrawn)

47. (Withdrawn)

48. (Withdrawn)

49. (Withdrawn)

50. (Withdrawn)

51. (Withdrawn)

52. (Withdrawn)

53. (Withdrawn)

54. (Withdrawn)

55. (Cancelled)

REMARKS

Applicants thank Examiner David Vu for his careful attention to this application.

The claims have been amended in accordance with the suggestions of the Examiner.